

## CLAIMS

1. A wind power installation comprising an entry (100) and an internal space (101c) in the interior of the wind power installation, in which electrical or electronic components of the wind power installation are disposed,

characterised in that provided between the entry (100) of the wind power installation and the internal space (101c) in which the electronic components are disposed is a lock (101a, 104, 108) which prevents water that enters through the entry (100) and/or salt-bearing or moist air which enters when the entry (100) is opened from passing into the internal space (101c) of the installation, wherein the lock (101a) has a drain (105) through which water which passes into the lock can drain away.

2. A wind power installation according to claim 1 characterised in that the lock (101a, 101b, 104, 106) is formed from a non-rusting material, for example a plastic material, particularly preferably glass fibre reinforced plastic material.

3. A wind power installation according to one of the preceding claims characterised in that the lock (101a) also serves as a clothes changing room.

4. A wind power installation according to one of the preceding claims characterised in that the air is urged out of the interior of the wind power installation into the lock when the lock is opened to the interior (101a).

5. A wind power installation according to one of the preceding claims characterised in that the air pressure in the interior of the installation is greater than in the lock.

6. A wind power installation according to one of claims 1 to 5 wherein the wind power installation has a pylon (10) to which the lock (101a) is directly connected.

7. A wind power installation according to one of claims 1 to 6 wherein the lock (101a) has a second door (104, 106) which leads to the internal space (101c), the second door (104, 106) being smoke-tight.

8. A wind power installation according to one of claims 1 to 7 wherein the lock (101a) has an inside wall (101b, 101d, 101e) and an outside wall (101g), insulating material (101f) being arranged between the inside wall (101b, 101d, 101e) and the outside wall (101g).

9. A wind power installation according to claim 8 wherein the insulating material (101f) has a material which is heat-resistant and a poor thermal conductor.